

1 SEQUENCE LISTING

2 (1) GENERAL INFORMATION:

3 (i) APPLICANT: Stanley L. Mills

4 (ii) TITLE OF INVENTION: Metal-Chelated Nucleic Acid Binding  
5 Peptides for *In Vivo* Detection and  
6 Therapy of Disease

7 (iii) NUMBER OF SEQUENCES: 1

8 (iv) CORRESPONDENCE ADDRESS:

9 (A) ADDRESSEE: Christopher W. Corbett, Ph.D.  
10 Dunlap & Coddington, P.C.  
11 (B) STREET: 9400 N. Broadway, Ste. 420  
12 (C) CITY: Oklahoma City  
13 (D) STATE: Oklahoma  
14 (E) COUNTRY: USA  
15 (F) ZIP: 73114

16 (v) COMPUTER READABLE FORM:

17 (A) MEDIUM TYPE: 3.5, 1.44 Mb High Density Diskette  
18 (B) COMPUTER: IBM AT Compatible  
19 (C) OPERATING SYSTEM: MS-DOS 5.00  
20 (D) SOFTWARE: WordPerfect 5.1 (saved in ASCII format)

21 (vi) CURRENT APPLICATION DATA:

22 (A) APPLICATION NUMBER: Not Yet Assigned  
23 (B) FILING DATE: Herewith

24 (viii) ATTORNEY/AGENT INFORMATION:

25 (A) NAME: Christopher W. Corbett, Ph.D.  
26 (B) REGISTRATION NUMBER: 36,109  
27 (C) REFERENCE/DOCKET NUMBER: 5157.001

28 (ix) TELECOMMUNICATION INFORMATION:

29 (A) TELEPHONE: (405) 478-5344  
30 (B) TELEFAX: (405) 478-5349

31 (2) INFORMATION FOR SEQ ID NO:1:

32 (i) SEQUENCE CHARACTERISTICS:

33 (A) LENGTH: 25 amino acids

34 (B) TYPE: amino acids

35 (D) TOPOLOGY: linear

36 (ii) MOLECULE TYPE: peptide

37 (vi) ORIGINAL SOURCE: synthetic

38 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

39 Tyr Gln Cys Glu Ile Cys Gly Lys Ser Phe Ser Asp Lys Ser Asn Leu Thr  
40 1 5 10 15

41 Arg His Leu Arg Ile His Thr Gly  
42 20 25